

PowerShell Exercises

Part I: Command Line

1. List file in your current
2. Create a new directory
3. Move to this directory
4. Back to the parent directory
5. Create a new file named file.txt
6. Edit this file with power shell add any sentence
7. Count number of word in the file
8. List network configuration in the command line
9. Find your ip, find your mask address and find the gateway
10. List disk partition with power shell
11. List user in power shell
12. Show home directory with environment variable

Part II: Script

You can combine a series of commands in a text file and save it with the file extension '.ps1', and the file will become a PowerShell script.

This would begin by opening your favourite text editor and pasting in the following example.

To launch the script: go to the directory of the script (example with script.ps1) and run in PowerShell `.\script.ps1`.

1. Make a hello world: a simple program printing hello world
2. Create a simple loop increasing 1 by 1 and printing result use argument for setting the loop limit.
3. Set a variable with a random number and loop until you reach this number print each loop.
4. Create a script listing your current directory file and output it in file called directory.txt
5. Create a script listing filtered type of file in a given directory (directory and types give as command line)